

Amendments to the Specification

Please replace paragraph [0008] beginning at page 4, line 8 with the following amended paragraph:

-- A solution to this "other one-pole filter" problem has been proposed in U.S. patent application number 10/043,558 filed on January 10, 2002, which has issued as U.S. Patent No. 6,690,240 on February 10, 2004, and in U.S. continuation patent application number 10/612,200 filed on July 3, 2003, which issued as U.S. Patent No. 6,828,864 filed on December 7, 2004, which both are entitled "LOW-JITTER LOOP FILTER FOR A PHASE-LOCKED LOOP SYSTEM" by Adrian Maxim, Baker Scott III, Edmund M. Schneider, and Melvin L. Hagge (hereafter "the Maxim reference"). The solution in the Maxim reference generally proposes separating the proportionate terms from the integral terms within the loop filter. By separating the proportionate and integral terms, some optimizations for the PLL circuit are able to be achieved.--